

**Table 4. Efficacy of chloropicrin and Inline fumigants applied under VIF and HDPE films on weed seed viability at Watsonville, CA<sup>1</sup>**

Fumigants	Dose (lb/A)	Chickweed		Knotweed		Purslane	
		VIF	HDPE	VIF	HDPE	VIF	HDPE
-----viability (%)-----							
<b>Control</b>	0	76 a	83 a	50 ab	58 a	97 a	95 a
<b>Chloropicrin</b>	50	37 b	31 bc	39 c	47 bc	41 cd	40 cd
	100	22 bcd	27 bc	44 bc	46 bc	34 de	31 de
	200	6 e	11 de	16 def	27 d	0 f	12 f
	300	0 e	8 de	6 fg	21 d	1 f	9 f
	400	0 e	0 e	0 g	8 efg	0 f	0 f
<b>Inline</b>	50	9 e	35 b	19 d	47 bc	52 bc	66 b
	100	1 e	16 cde	5 fg	18 de	9 f	36 cd
	200	2 e	0 e	1 g	8 efg	5 f	13 f
	300	0 e	11 de	1 g	16 def	5 f	19 ef
	400	0 e	0 e	0 g	5 fg	1 f	10 f
<b>MBPic</b>	350	0 e	0 e	0 g	1 g	0 f	0 f

<sup>1</sup> Means within weed species columns followed by the same letter do not differ at 0.05, according to the Duncan's multiple range test.

(Editorial Note: Treatments sharing a common letter in the biomass or weed time columns are not statistically different. For example, the controls show the letter "a" and thus are statistically different from the treatments; therefore, the treatments are effective.)